Advisors Update to the Geography and History Online Project
Reviewing the Project Goal

Our goal is to create a website of tools, content, and lesson plans for 5-12 grade social studies teachers and students that supports teaching of geography and history standards and encourages further exploration of the themes and resources.
Where we are…

Phase I

Preparation Advisory group chosen, staff brainstorming
Content Selection Research, map creation and selection

Phase II

Application and Web Site Development Development of prototype, initial teacher feedback, advisory meetings
Curriculum Development Work closely with advisory board and teacher focus groups to draft lesson plans.

Phase III

Prototype Testing Regular trials with select schools. In-house meetings with teachers, as well as hands-on school demonstrations.
Project Completion, Review, and Workshops Official release to public. Staff will continue to maintain and support system.
The Website’s Components

1. Maps
2. Legend
3. Toolbars
4. Related Links
5. Lessons
Project Progress

1. Identification of Maps
2. Work on Related Links
3. Revision of Web Site Look
4. Creation of Historic Maps
5. Recruitment of Teacher Testers
6. Presentations at Conferences
1. Identification of Maps

Currently identified over 200 maps.

Of them, 64 have been put online.

Subfolders are in progress

Maps divided into logical and searchable folders:

• Background Images
• Natural Resources
• Production and Transportation
• People
• Public Systems
• History
2. Related Links

Technological Experimentation
Several different versions were tested. Bugs have largely been removed.

Educational Research
Research was conducted at MHS Library and online. Currently, a handful of related links have been completed and uploaded.

Overall Design Analysis
Related Links was moved to the right side of the screen to afford equal visual attention to History and Geography.
3. Revision of Web Site Look

Gone from this...
through this...
To our current version... This.
4. Historic Maps

Currently identified 42 historic maps.
17 have been completed.
Of these, 11 maps have been put online.

History maps will be divided into categories.
Categories and sub-folders are in progress.

Map Creation

Railroads, Territorial Roads, etc. use current maps as base layer. See example…
5. Recruitment of Teacher Testers

Seven teachers have volunteered to be classroom testers. Coming early 2007, we will be going to the classrooms to Watch, evaluate and give demonstrations.
6. Presentations at Conferences

- September 2006
- October 2006
- March 2007
- April 2007
Welcome to the Geography and History Online Web site! Here we have merged maps and historical data into an amazing website that will ...

There are two main ways to explore the maps available here.

Click on Maps here or on the tab above to explore over 200 maps by category.

Click on Lessons here or on the tab above to explore Minnesota's geography and history through thematic lessons. This is where teachers should go.
Navigational Elements
- Zoom In/Out
- Pan
- Set Extent

Locational Elements
- Search by Place Name
- Search by Lat/Long
- Identify Feature

Functional Elements
- Send map to Printer
- Save map as a pdf
Related Links

• Photographs
• Museum Collections
• External Links
• Metadata/Sources
Lessons and Teacher Resources

1. Lessons and Templates
2. Standards Correlations
3. Workshops
4. Teacher-Created Lesson Library
Lesson Level Distinctions

5th-8th Grades

• Teachers are less experienced with GIS-based skills and Geography Instruction

• We will develop stream-lined lesson plans

9th-12th Grades

• Teachers are more experienced with GIS-based skills and Geography Instruction

• We will offer useful content, flexible resources, lessons, and lesson templates
Welcome to the Geography History Online Lessons!

Choose Topic
• The Fur Trade: Economy/Land
• Reservations: Use and Values
• 19th Century Immigration
• Rondo: Transportation and Politics
• Ada: Small Towns
• Local history Research

• Choose a Grade Level
  • 5-8 Grade Lessons
  • 9-12 Grade Lessons

• Choose a Lesson Template

Come to a Workshop!
• Sept 12, 2007 Sibley House

See what other schools have done!
• Lesson library

Link to Standards Correlations

5th – 8th Grade Classrooms
Rondo Lesson

Lesson plans (web/pdf)
Worksheets (web/pdf)
Standards (web/pdf)
History Standard Correlations

Minnesota History Standard

G. Post-World War II to the Present: “Students will identify and describe significant demographic changes in Minnesota and issues related to those changes and analyze the significance of their impact.”

Historical Skills Standard

“Students will identify, describe, and extract information from various types of historical sources, both primary and secondary.”
Geography Standard Correlations

Interconnections Sub-strand

“The student will identify examples of the changing relationships between the patterns of settlement and land use in Minnesota.”

2. Students will analyze how changes in transportation affected settlement of the state...

4. Students will explain the changing situation of Minnesota’s largest cities and suburbs and analyze associated effects.

Essential Skills Sub-strand

“The student will use maps, globes, geographic information systems, and other databases to answer geographic questions at a variety of scales from local to global.”

1. Students will demonstrate the ability to obtain geographic information from a variety of print and electronic sources.

2. Students will make inferences and draw conclusions about the character of places based on a comparison of maps, aerial photos, and other images.

3. Students will demonstrate the ability to use geographic information from a variety of sources.
Between 1940 and 1970, St. Paul underwent an enormous change that greatly affected its African American population. This lesson explores the history and geography of the Rondo neighborhood...
Analyze this aerial photo of St. Paul taken in 1940.

What do you notice about the road patterns?

Where is the downtown located?

What is the relationship like between the downtown area and the surrounding areas?
Compare this aerial photo of St. Paul taken in 2000 with the one taken in 1940.

How have the road patterns changed?

How has the relationship between the downtown area and the surrounding areas changed?

How might these changes affected people?
Lets explore one particular area where the freeways were built.

Here is a close up of this area, showing how it looks today.

Here is what it looked like in 1940.
This map shows the same area, but with different information.

**Analyze** this map to uncover more about this neighborhood…

What were the different types of buildings present?

What kinds of businesses were there?

Sanborn Fire Insurance Map, 1950
Let's look now at some of the historic resources from this neighborhood.

Analyze this photograph of the student taken outside Maxwell school in 1905.

What can you tell about the economics of this neighborhood?

What can you tell about the people who lived there?
Analyze this photograph of the interior of the Credjafawn grocery store around 1950.

What can you tell about the economics of this neighborhood?

What can you tell about the people who lived there? What has changed since 1905?
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• Local history Research

• Choose a Grade Level
• 5-8 Grade Lessons
• 9-12 Grade Lessons

• Choose a Lesson Template

Come to a Workshop!
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Link to Standards Correlations
9-12 Grade Lesson Templates

Interconnections -
Agriculture
Interconnections –
Iron Ore
Interconnections –
Modern Immigration
Interconnections –
Lake Superior

Spatial Organization -
Growth of Twin Cities
Spatial Organization –
Communication
Interconnections - Agriculture

Analyze the following maps and historic resources to explore the connections between man and our influence on the environment:

• Pre-Settlement Vegetation
• 19th Century Immigration
• Soil Fertility
• Corn Production
• Floodplains
• Ditching and Tiling
• Population 2000
• Anoka County Fair Photo…
History Standard Correlations

**Historical Skills Standard**

“The student will apply research skills through an in-depth investigation of a historical topic.

**U.S. History, Emergence of Modern America**

“The student will understand how the United States changed politically, culturally, and economically from the end of World War I to the eve of the Great Depression.”
Geography Standard Correlations

Interconnections Sub-strand

“The student will describe how humans influence the environment and in turn are influenced by it.”

1. Students will provide a range of examples illustrating how types of government systems and technology impact the ability to change the environment or adapt to it.

2. Students will analyze the advantages and drawbacks of several common proposals to change the human use of environmental resources.

3. Students will understand and analyze examples of the impacts of natural hazards on human activities and land use.

Essential Skills Sub-strand

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3. Students will demonstrate the ability to use geographic information from a variety of sources.
Visual Resources

- Corn and Potato Palace, Anoka
- Harvesting Corn by a Tepee
- Corn Husker-Shredder
- Others...

Catalog

- Where the Tall Corn Grows
- Corn Songs: poems
- Corncrib in History folklore
- Mr. Corn Production and Marketing
- Indian Corn in old America
- Others...

External Links

- MN Department of Agriculture
- MN Corn Growers Association
- U.S. Department of Agriculture
- American Coalition for Ethanol

Map Source

- Return to Search Results
- View Details
- Ordering & Permission
On-going Work

• Map Making
• Curriculum Development
• Website Construction
• Prototype Testing
• Integration within MHS
Questions